

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/689294
				Filing Date	Herewith
				First Named Inventor	Tu, et al.
				Art Unit	2826
				Examiner Name	Kevin Quinto
Sheet	1	of	1	Attorney Docket Number	TSM03-0426

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
KQ	1	US-6,051,462 A	04-18-2000	Ohno	
	2	US-6,281,540 B1	08-28-2001	Aoki	
	3	US-6,399,399 B2	05-04-2002	Yamamoto	
	4	US-6,399,495 B1	06-04-2002	Tseng, et al.	
	5	US-6,455,368 B2	09-24-2002	Aoki	
	6	US-6,528,366 B1	03-04-2003	Tu, et al.	
	7	US-6,579,755 B2	06-17-2003	Kim, et al.	
KQ	8	US-6,620,685 B2	09-16-2003	Oh	
	US-				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		T <sup>6</sup>

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
KQ	9	LIU, et al., Single Mask Metal-Insulator-Metal (MIM) Capacitor with Copper Damascene Metallization for Sub-0.18µm Mixed Mode Signal and System-on-a-Chip (SoC) Applications, 2000, Lucent Technologies Bell Laboratories, Murray Hill, NJ, US.			
KQ	10	ISHIKAWA, et al., High-Capacitance Cu/Ta <sub>2</sub> O <sub>5</sub> /Cu MIM Structure for SoC Applications Featuring a Single-Mask Add-on Process, 2002, Central Research Laboratory, Kokubunji, Tokyo, Japan.			

Examiner Signature	/Kevin Quinto/	Date Considered	05/04/2006
--------------------	----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.